UCONN | UNIVERSITY OF CONNECTICUT

CONNECTICUT INSTITUTE FOR THE BRAIN AND COGNITIVE SCIENCES

Meet-and-Speak Event
Saturday, March 28th, 2020 in Oak Hall 101

9:00 AM   *Breakfast, Coffee – 30 minutes*

9:30 AM   **Gerry Altmann,** Director, CT Institute for the Brain and Cognitive Sciences
                      Welcome

9:40 AM   **Dean Juli Wade**
                      Opening remarks

9:50 AM   **Eric Levine,** Neuroscience
                      Cellular effects of a common BDNF gene variant associated with altered cognition in humans

10:00 AM   **Sharon Casavant,** Nursing
                      Predicting neurodevelopmental outcomes of preterm infants using absolute telomere length

10:10 AM   **Sabato Santaniello,** Biomedical Engineering
                      Cerebellar stimulation and network-wide oscillations in essential tremor

10:20 AM   **Linnaea Ostroff,** Physiology and Neurobiology
                      Synaptic pathways of fear and safety

10:30 AM   **Fumiko Hoeft,** Psychological Sciences
                      Neuroscience of dyslexia

10:40 AM   **Questions – 10 minutes**

10:50 AM   *Coffee Break – 10 minutes*

11:00 AM   **John Salamone,** Psychological Sciences
                      Inflammation and effort-related motivational dysfunction in rat models: Implications for psychopathology

11:10 AM   **Umay Suanda,** Psychological Sciences
                      How toddlers learn the meanings of words: A Statistical Learning approach

11:20 AM   **Noelle Wig,** Speech, Language and hearing Sciences
                      A Dynamic Duo: Interaction between referential context and bilingualism in sentence processing

11:30 AM   **Gerry Altmann,** Psychological Sciences
                      Representing events in deep neural networks

11:40 AM   **Sandra Villata,** Linguistics
                      An empirical investigation of ungrammatical sentence processing

11:50 AM   **Questions – 10 minutes**

12:00 PM   *Lunch – 1 hour*

Graduate Student Data Blitz (5 min talks with 2 mins for Q's)
1:00 PM   **Cara Hardy,** Neuroscience
                      Mind over bladder, or is the blame shared? Implications of Alzheimer's Disease pathology in Urinary Dysfunction

1:07 PM   **Lana Delasanta,** Psychological Sciences
                      Analyzing group drumming using a Nonlinear Dynamics approach

1:14 PM   **Yi Wei,** Psychological Sciences
                      Neural resonance to syncopated rhythms: Model predictions and experimental tests

1:21 PM   **Hannah Morrow,** Psychological Sciences
                      Waves of Binding: EEG oscillations during integration of visual, auditory, and lexical stimuli

1:28 PM   **Briana Oshiro,** Mathematics
                      A brief introduction to Dynamic Causal Modeling

1:35 PM   **Emily Yearling,** Psychological Sciences
                   Using the past to understand the present: Insights into the episodic nature of tokenization
1:42 PM   **Aliyar Ozercan,** Philosophy
                   Mental states and language development

2:15 PM   <u>**Panel Discussion**</u> – featuring Whit Tabor, Holly Fitch, Sabato Santaniello, and John Gabrieli with Gerry
                   Altmann as moderator
                   Current directions, challenges, and opportunities in the brain and cognitive sciences

3:00 PM   **Keynote Speaker – John Gabrieli, Director of the Martinos Imaging Center at the McGovern
                   Institute, MIT**

                   Title: *Environmental Influences on Human Brain Development*

                   Abstract: Neuroimaging provides new views on how environmental factors influence human brain
                   development. I will review findings about associations (1) among family socioeconomic status (SES),
                   brain anatomy, and academic performance; (2) between early language experience and brain function
                   and structure; and (3) between stress and brain function and how those can be altered by mindfulness
                   training.

Keynote Speaker
to be held at 3:00pm, Oak Hall 101
Refreshments will be served.

John Gabrieli and Position:

Title:

Abstract: